SEQUENCE LISTING

```
<110> CHUNG, Kwang-Hoe
     KIM, Doo-Sik
     KOH, You-Seok
     SOHN, Young-Dong
     YOU, Weon-Kyoo
     JANG, Yang-Soo
     HUH, Chin-Kyu
       NOVEL PROTEIN DERIVED FROM AGKISTRODON SAXATILIS EMELIANOV AND PROCESS
FOR PREPARING THE SAME
<130> 0136/0K432US0
<140> US 10/089,473
<141>
      2002-03-26
<160>
      10
<170> PatentIn version 3.1
<210> 1
<211> 73
<212> PRT
<213> Agkistrodon saxatilis emelianov
<400> 1
Glu Ala Gly Glu Cys Asp Cys Gly Ala Pro Ala Asn Pro Cys Cys
Asp Ala Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Glu Gly
                                25
            20
Leu Cys Cys Asp Gln Cys Arg Phe Met Lys Glu Gly Thr Ile Cys Arg
        35
                                                45
                            40
Met Ala Arg Gly Asp Asp Met Asp Asp Tyr Cys Asn Gly Ile Ser Ala
    50
                        55
Gly Cys Pro Arg Asn Pro Phe His Ala
                    70
<210> 2
<211> 213
<212> DNA
<213> Agkistrodon saxatilis emelianov
```

ggagaagaat gtgactgtgg cgctcctgca aatccgtgct gcgatgctgc aacctgtaaa

ctgagad	ccag gggcgcagtg tgcagaagga ctgtgttgtg accagtgcag atttatgaaa	120
gaaggaa	acaa tatgccggat ggcaaggggt gatgacatgg atgattactg caatggcata	180
tctgctq	ggct gtcccagaaa tcccttccat gcc	213
	3 20 DNA Artificial Sequence	
<220> <223>	primer	
<222>	<pre>misc_feature (1)(20) where n may be a or g or c or t/u, other, or unknown</pre>	
<400>	3 gart gygaytgygg	20
,	5	
<210> <211> <212> <213>	20	
<220> <223>	primer	
<400> 4 ggcatggaag ggatttctgg 2		
<210> <211> <212> <213>	5 33 DNA Artificial Sequence	
<220> <223>	primer	
<400>	5 gaga aaagagaggc cggagaagaa tgt	33
<210> <211> <212> <213>	6 27 DNA Artificial Sequence	
<220> <223>	primer	

```
cggaattctc attaggcatg gaaggga
<210> 7
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
'<223> oligopeptide
<400> 7
Gly Arg Gly Asp Ser Pro
<210> 8
<211>
      6
<212> PRT
<213> Artificial Sequence
<220>
<223> oligopeptide
<400> 8
Gly Arg Gly Glu Thr Pro
<210> 9
<211> 12
<212> PRT
<213> Agkistrodon saxatilis emelianov
<400> 9
Gly Glu Glu Cys Asp Cys Gly Ala Pro Ala Asn Pro
                5
<210> 10
<211> 73
<212> PRT
<213> Agkistrodon halys brevicaudus
<400> 10
Glu Ala Gly Glu Cys Asp Cys Gly Ser Pro Gly Asn Pro Cys Cys
                5
                                                        15
Asp Ala Ala Thr Cys Lys Leu Arg Gln Gly Ala Gln Cys Ala Glu Gly
```

27

<400> 6

Leu Cys Cys Asp Gln Cys Arg Phe Met Lys Glu Gly Thr Ile Cys Arg 35 40 45

Arg Ala Arg Gly Asp Asp Leu Asp Asp Tyr Cys Asn Gly Ile Ser Ala 50 55 60

Gly Cys Pro Arg Asn Pro Phe His Ala •65 70